

**UTAH STATE DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS & MINING  
MINE PERMITTING INFORMATION**

***Prepared for Informal Hearing - Star Stone Quarries Inc., Heber Quarry  
(November 20, 2000)***

DOGM Internet website address: <http://www.dogm.nr.state.ut.us>

**General DOGM background information:**

**Oil & Gas Section:** *charged with permitting oil and gas development activity within the state and tracking production.*

**Mining Section:** *charged with permitting mineral exploration, mine development and reclamation activities within the state.*

- Coal Regulatory Program
- Minerals Regulatory Program
- Abandoned Mines Reclamation Program

**I. Utah Mined Land Reclamation Act, Utah Code Annotated Chapter 8, Title 40  
(enacted May 1975)**

1. Addresses non-coal minerals mining activity in Utah
  - *Exempt operations: sand, gravel, rock aggregate, smelting and refining operations*
2. State Law - no federal counterpart (vs. coal regulatory program - SMCRA/OSM)
3. Applies to all lands within Utah (private, state and federal)
  - *Exceptions: Indian/Tribal lands & military reserves*

**II. Categories of Mining in the Minerals Program**

1. **Exploration Projects**  
*Notice of Intention to Commence Exploration Operations (FORM MR-EXP)*
  - A. No reclamation bonding (unless > 5 acres disturbance)
  - B. No reclamation plan (must comply with performance standards)



**2. Small Mining Operation**

*Notice of Intention to Commence Small Mining Operations - (FORM MR-SMO)*

- A. 5 or less acres of surface disturbance (life of mine)
- B. No reclamation bonding
- C. No detailed mining and reclamation plan (must comply with operational and reclamation performance standards)

**3. Large Mining Operations**

*Notice of Intention to Commence Large Mining Operations - (FORM MR-LMO)*

- A. >5 acres of surface disturbance
- B. Comprehensive Mining and Reclamation Plan  
*Requires environmental baseline information, impact assessment, detailed mine development and reclamation design plans*
- C. Detailed Reclamation Cost Estimate & Reclamation Surety (bonding)
- D. DOGM Public Notice of Tentative Approval Decision
  - *(initiates 30-day public comment period)*
  - Substantive public comments resolved by:  
*Informal Hearing* - (Division Director)  
*Formal Hearing* - (Board of Oil, Gas and Mining)
- F. DOGM final approval of LMO application (permit = 6 - 12+ mths)  
*(Follows public comment period and receipt of reclamation surety)*
- G. Formal BOARD approval (self-bonding proposals only, *otherwise Division Director approves permit*)

**III. Coordination With Other Regulatory Entities**

- 1. **County Zoning Ordinances (which address mining & reclamation)**
  - Tooele, Utah, Emery, Salt Lake and Summit currently enforcing mining & reclamation ordinances (performance/reclamation bonds)



**2. Federal Regulatory Agencies**

- A. Bureau of Land Management & U. S. Forest Service (BLM & USFS)
  - ***Joint Agency Memorandum of Understanding (MOU)*** between DOGM, USFS & BLM. Applies only to *locatable* minerals (*salable & leasable minerals excluded*)
- B. Department of Army Corp of Engineers (404 permits)  
(*navigable waterways/rivers, wetlands, streams*)
- C. Mine Safety & Health Administration  
(*surface & underground mine safety*)
- D. U. S. Fish & Wildlife Service  
(*federally protected, T&E or sensitive plant, fish & wildlife species*)

**3. Utah Department of Natural Resources**

- A. Division of Forestry, Fire and State Lands (*Sovereign Lands - State navigable waterways, lakes & lands below high water mark/meander line*)
- B. Division of Water Rights (*water rights, stream channel diversions & alterations, dam construction & safety*)
- C. Division of Wildlife Resources (*wildlife issues, consultations*)

**4. School and Institutional Trust Lands Administration (SITLA)**  
(Issuance of State Mineral Leases on School Trust Lands)

- *State School Sections typically: 2, 16, 32, & 36*

**5. Utah Department of Community & Economic Development**

- A. Division of State History  
(*Archaeologic & Cultural Survey Consultations - State lands*)

**6. Utah Department of Environmental Quality (DEQ)**

- ***Memorandum of Understanding (MOU)*** between DOGM & DEQ
- A. Division of Water Quality  
(*Construction/design, UPDES, Storm water & Groundwater Discharge permits*)
- B. Division of Solid and Hazardous Wastes  
(*landfills, disposal of hazardous wastes, etc.*)

- C. Division of Air Quality  
*(air quality permits)*
- D. Division of Emergency Response and Remediation  
*(contamination, cleanup/mitigation, EPA Superfund site investigations, etc.)*
- E. Division of Radiation Control  
*(typically uranium mines & mills, etc.)*
- F. Division of Drinking Water  
*(public water supply, sanitation)*



DOGM  
PERMITTING PROCESS  
Large Mining Operations

1. Operator Submits Notice of Intention to Conduct Large Mining Operations (LMO) with permit fee of \$350.
2. Division begins review of LMO:
  - a. Hydrology
  - b. Engineering
  - c. Operation plans
  - d. Reclamation plans
  - e. Soils
  - f. Vegetation
  - g. Surety estimate
3. Review document sent to operator.
4. Operator submits response to Division's Review.  
(Repeat steps 2-4 until comments are addressed)
5. Division issues Notice of Tentative Approval to operator.
  - a. Publishes 'Notice' in local and Salt Lake City newspapers.  
(Begins 30-day public comment period)
  - b. Sends 'Notice' to adjacent landowners that may be impacted by the operation.
  - c. Sends 'Notice' to State Resource Development Coordinating Council (RDCC).
6. Division reviews/responds to comments received. Substantive comments resolved by:
  - Informal Hearing - (Division Director).
  - Formal Hearing - (Board of Oil, Gas and Mining).
7. Operator submits reclamation surety and reclamation contract
8. Division issues final approval of LMO.



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# DOGM

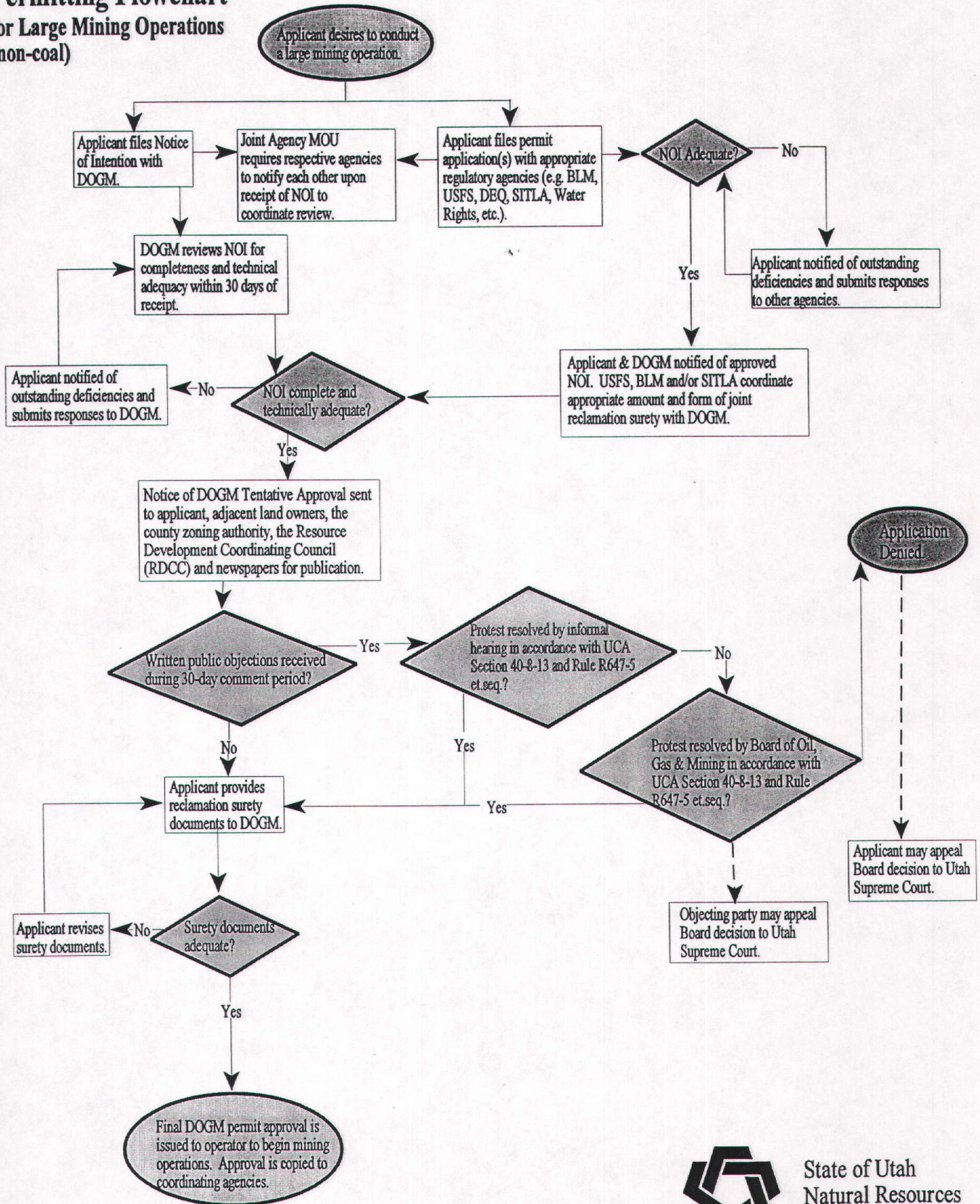
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# Permitting Flowchart for Large Mining Operations (non-coal)

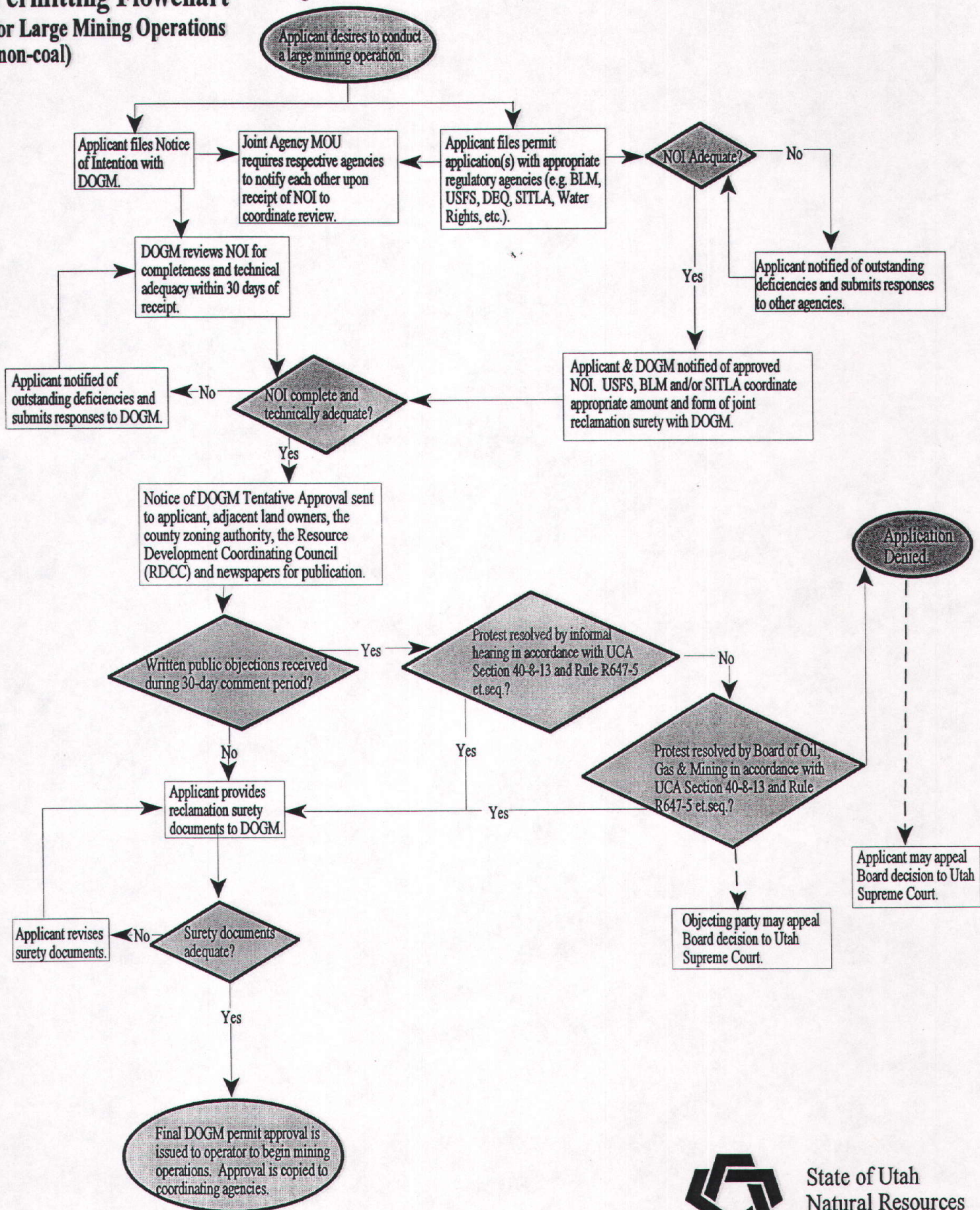


State of Utah  
Natural Resources  
Oil, Gas and Mining

Last Updated: January 26, 1999



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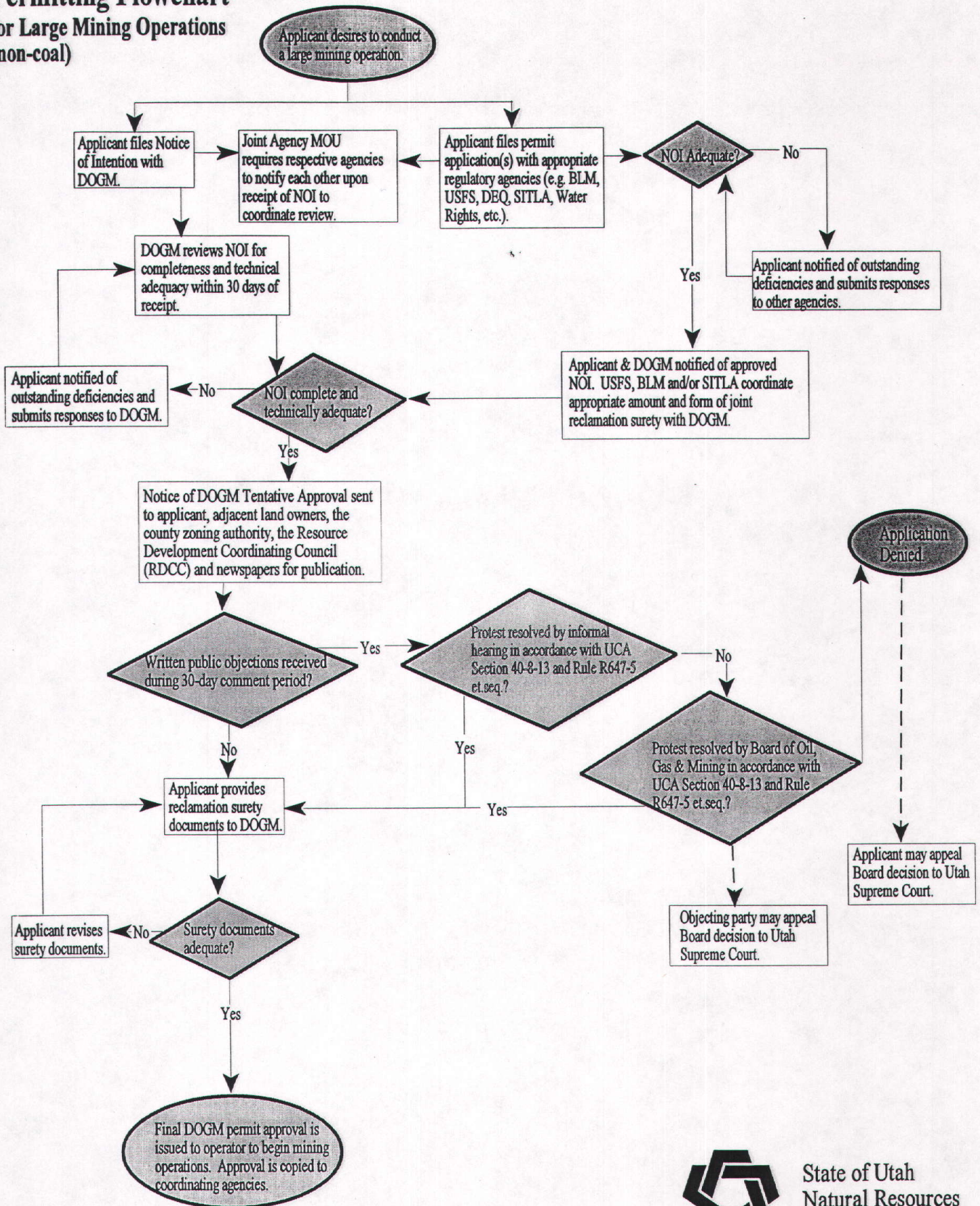


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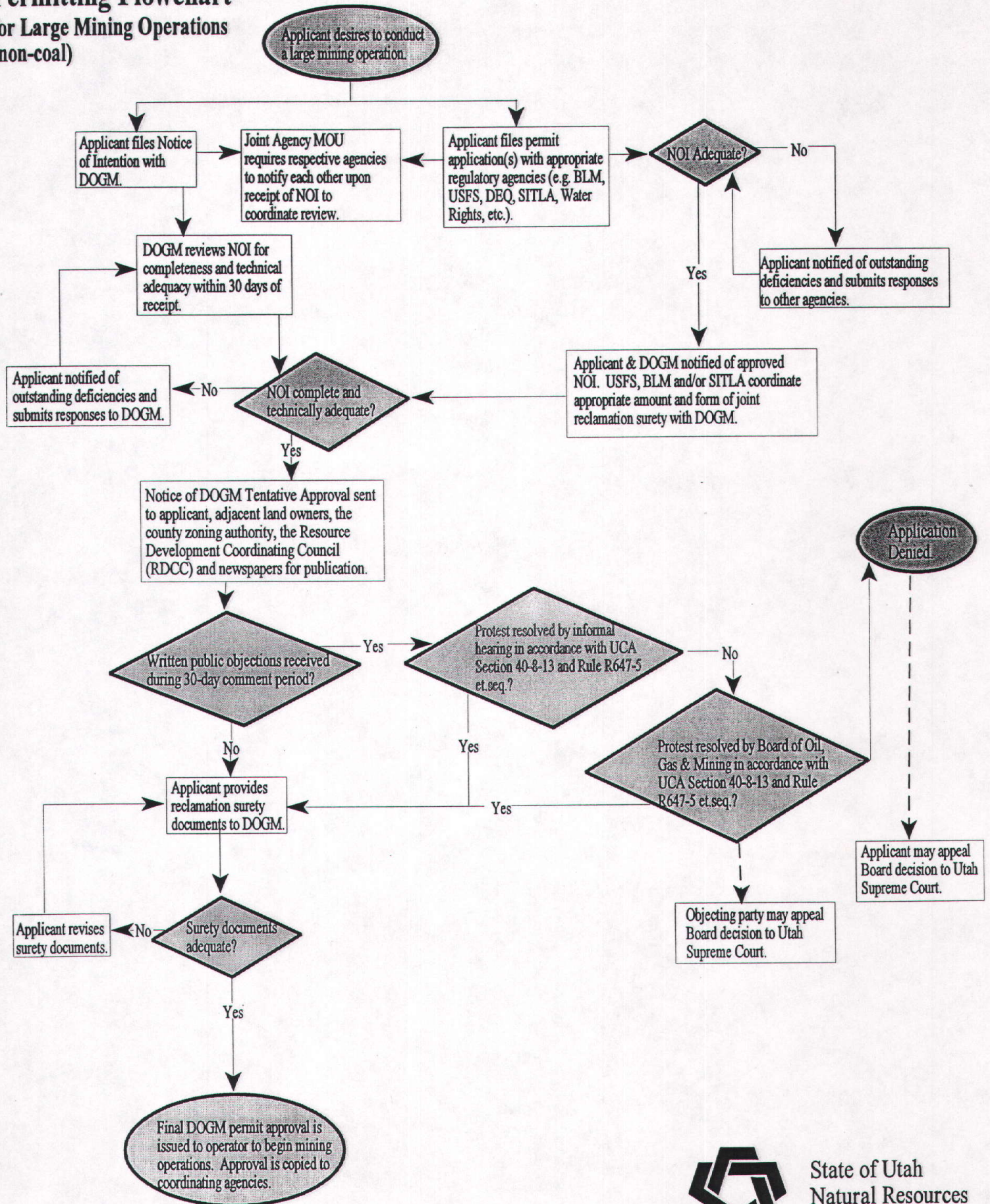


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M/051/001

**AGENDA**  
***Division of Oil, Gas and Mining***

***Informal Hearing***  
**Wasatch County Court House**

November 20, 2000

***Star Stone Quarries, Inc., Heber Quarry***  
***(M/051/001)***

**Beginning at 7:00 p.m.**

- |    |   |                                    |
|----|---|------------------------------------|
| 1. | Welcome, Introductions, Background and Purpose - -<br>Lowell Braxton, Division Director   | 5 Minutes                          |
| 2. | Explanation of informal hearing process - -<br>Lowell Braxton, Division Director          | 5 Minutes                          |
| 3. | Overview of Division rules - -<br>Wayne Hedberg, Permit Supervisor                        | 10 Minutes                         |
| 4. | Overview of Division's large mine permitting process - -<br>Lynn Kunzler                  | 10 Minutes                         |
| 5. | Overview of Star Stone Quarries, Inc.'s Heber Quarry<br>Lon Thomas, Owner/Operator        | 15 Minutes                         |
| 6. | Public Identification of Issues & Concerns on the record - -<br>Public and Division Staff | 20 to 30 Minutes<br>(or as needed) |
| 7. | Addressing Concerns - -<br>Division Staff, Star Stone Quarries Representatives            | 20 Minutes                         |
| 8. | Closure and Follow-up Plan - -<br>Lowell Braxton, Director                                | 10 Minutes                         |

M51-01-hearing-agenda



# Informal Hearing Please Sign In

m/051/001  
Heber Quarry

<u>NAME</u>	<u>Address</u>	<u>Phone</u>
PETE PETERSON	982 LAKE CREEK Way	657-0234
Robert A. Fuller	640 Pole Dr. , Heber City	654-7115
Glady/Karen Weight	932 Pole Dr Heber City	657-2072
Patrick McGowan	889 Pole Dr.	657-1669
Elizabeth Lehner	700 Pole Drive	657-1431
Marilyn Broadbent	782 Lake Creek Way	654-3893
Phil Seiwide	929 Pole Dr	654-5702
Wanda Ruth Burns	851 Lake Creek Way	657-2256
Darci Fuller	640 Pole Dr	654-7115
Spencer Huffaker	526 Pole Dr -	654-2263
Ray Huffaker	526 Pole Dr.	654-2263
Al Mickelson	25 N Main St. , Heber City	654-3211/321
Logan Hunter	551 E. State Rd. Am. Fork 87003	492-4344
Lebecca Boken	842 Lake Creek Rd	657-2742
Steve & Kim Hunt	893 Lake Creek way	654-4839
Chad & Kris Richardson	1025 Lake Creek Way	654-4371
Lewis & Retta Chappell	932 Lake Creek Way	654-3997
Cody Mechem	1093 E. MAIN CYN. Rd. Walsburg	654-2438
Valorie Cummings	1023 Pole Dr. Heber	654-4359
Bob Bells	982 Pole Dr Heber	657-1897